

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)
4348US (MUEI-
0547.00/US)Application Number
09/944,472

Applicant Jam s J. H warth

Filing Date August 30, 2001

Group Art Unit Unknown

U.S. PATENT DOCUMENTS

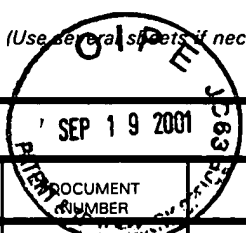
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
2	3,932,934	January 20, 1976	Lynch et al.			
2	4,142,286	March 6, 1979	Knuth et al.			
2	4,528,747	July 16, 1985	Hoffman et al.			
2	5,688,127	November 18, 1997	Staab et al.			
2	4,722,135	February 2, 1988	Read			
2	4,733,462	March 29, 1988	Kawatani			
2	4,810,154	March 7, 1989	Klemmer et al.			
2	4,940,181	July 10, 1990	Juskey, Jr. et al.			
2	4,975,079	December 4, 1990	Beaman et al.			
2	4,985,107	January 15, 1991	Conroy et al.			
2	5,006,792	April 9, 1991	Malhi et al.			
2	5,034,802	July 23, 1991	Liebes, Jr. et al.			
2	5,051,339	September 24, 1991	Friedrich et al.			
2	5,051,813	September 24, 1991	Schneider et al.			
2	5,056,216	October 15, 1991	Madou et al.			
2	5,074,036	December 24, 1991	Dunaway et al.			
2	5,155,905	October 20, 1992	Miller, Jr.			
2	5,164,818	November 17, 1992	Blum et al.			
2	5,189,507	February 23, 1993	Carlomagno et al.			
2	5,203,075	April 20, 1993	Angulas et al.			
2	5,255,431	October 26, 1993	Burdick			
2	5,329,423	July 12, 1994	Scholz			
2	5,337,219	August 9, 1994	Carr et al.			
2	5,376,010	December 27, 1994	Petersen			
2	5,400,220	March 21, 1995	Swamy			
2	5,403,671	April 4, 1995	Holzmann			
2	5,435,482	July 25, 1995	Variot et al.			

EXAMINER


DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,435,732	July 25, 1995	Angulas et al.			
7	5,442,852	August 22, 1995	Danner			
1	5,446,960	September 5, 1995	Isaacs et al.			
2	5,453,581	September 26, 1995	Liebman et al.			
D	5,459,287	October 17, 1995	Swamy			
D	5,463,191	October 31, 1995	Bell et al.			
D	5,477,086	December 19, 1995	Rostoker et al.			
D	5,477,933	December 26, 1995	Nguyen			
D	5,521,427	May 28, 1996	Chia et al.			
D	5,526,974	June 18, 1996	Gordon et al.			
D	5,528,461	June 18, 1996	Gore et al.			
D	5,556,293	September 17, 1996	Pfaff			
D	5,578,870	November 26, 1996	Farnsworth et al.			
D	5,611,705	March 18, 1997	Pfaff			
D	5,637,008	June 10, 1997	Kozel			
4	5,637,919	June 10, 1997	Grabbe			
2	5,639,323	June 17, 1997	Jordan			
D	5,646,447	July 8, 1997	Ramsey et al.			
D	5,669,774	September 23, 1997	Grabbe			
7	5,691,041	November 25, 1997	Frankeny et al.			
D	5,702,255	December 30, 1997	Murphy et al.			
D	5,716,222	February 10, 1998	Murphy			
D	5,726,502	March 10, 1998	Beddingfield			
7	5,730,606	March 24, 1998	Sinclair			
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7	5,770,891	June 23, 1998	Frankeny et al.			
D	5,796,590	August 18, 1998	Klein			

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Applicant **James J. H warth**

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Group Art Unit **Unknown**




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U.S. PATENT DOCUMENTS

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OTHER DOCUMENTS

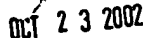
(Including Author, Title, Date, Pertinent Pages, Etc.)

	Karl J. Puttlitz et al., <i>C-4/CBGA Comparison with Other MLC Single Chip Package Alternatives</i> , IEEE Transactions on Components, Packaging and Manufacturing Technology-Part B, Vol. 18, No. 2, May 1995, Pages 250-256.
	Lewis S. Goldmann, <i>Statistical Model for the Inherent Tilt of Flip-Chips</i> , Transactions of the ASME, Vol. 118, March 1996, Pages 16-20.
	Patrick J. Nasiatka et al., <i>Determination of Optical Solder Volume for Precision Self-Alignment of BGA using Flip-Chip Bonding</i> , Department of Electrical and Electronic Engineering, The Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong.

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Attorney Docket Number

4348US (MUEI-0547.00/US)

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
0		US- 3,678,385	07/18/1972	Bruner	
0		US- 3,882,807	05/13/1975	Montgomery	
0		US- 4,958,214	09/18/1990	Ries et al.	
0		US- 5,349,236	09/20/1994	Oshino et al.	
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0		US- 5,426,405	06/20/1995	Miller et al.	
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0		US- 5,982,027	11/09/1999	Corisis	
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